

# Student Nurse/Midwife Responsibilities with Fluid and Medication Management

## Contents

Purpose .....	2
Scope/Audience.....	2
Definitions .....	2
Direct Direction.....	2
Associated documents.....	3
General Responsibilities for all staff and students in Fluid and Medication Management: .....	3
Clinical Lecturer/Academic Liaison Nurse (ALN) Responsibilities .....	4
BN Student Responsibilities: .....	4
Competency Assessment Programme (CAP) for Registered Nurses (RN's): .....	5
Fluid and Medication Preparation and Administration <b>Table 1:</b> Ara Institute of Canterbury BN/CAP RN Student: .....	6
Fluid and Medication Preparation and Administration <b>Table 2:</b> Otago University Masters of Nursing Science.....	7
Bachelor of Midwifery Considerations: .....	8
Bachelor of Midwifery (BM) Student Responsibilities:.....	8
First Year Bachelor Midwifery Student Responsibilities: .....	8
Second Year Bachelor Midwifery Student Responsibilities: .....	8
Fluid and Medication Preparation and Administration <b>Table 3:</b> Ara Institute of Canterbury Bachelor of Midwifery Student:.....	9
Diploma in Enrolled Nursing Student and Competence Assessment Programme (CAP) Enrolled Nurse Responsibilities:.....	10
Ara Institute of Canterbury Competency Assessment Programme (CAP) for Enrolled Nurses (EN's) – Restricted Scope and Internationally Qualified .....	10
Fluid and Medication Preparation and Administration <b>Table 4:</b> Ara Diploma EN Student, CAP EN Student: .....	11
Measurement/Evaluation .....	12
References .....	12

## **Student Nurse/Midwife Responsibilities with Fluid and Medication Management**

### **Purpose**

To ensure CDHB and WCDHB staff, Ara Institute of Canterbury and Otago University Clinical Lecturers/Academic Liaison Nurses (ALN's) and Students in Nursing and Midwifery Programmes, are aware of their responsibilities with Fluid and Medication Management and to further broaden students clinical experiences to better reflect their work requirements on graduation.

### **Scope/Audience**

Registered Nurses (RNs)  
Registered Midwives (RMs),  
Lead Maternity Carers (LMCs)  
Enrolled Nurses (ENs)  
Ara Institute of Canterbury Nursing and Midwifery Students and Clinical Lecturers/Academic Liaison Nurses (ALNs)  
Otago Masters of Nursing Science Students and Clinical Lecturers/ALN's

For the purpose of this policy Lead Maternity Carers will be identified as RM's, Clinical Lecturers and ALN's will be identified as RNs or RM's.

#### **Please Note:**

Students from other training institutions will need to be considered on a case by case basis depending on previous training/curriculum content. Their responsibilities with fluid and medication will be outlined in the areas they are working in.

### **Definitions**

#### **Direct Direction**

The RN/RM/EN is required to be physically present to direct the student at all stages of medication/fluid management e.g. preparation, checking, identification of the patient and administration within their scope of practice. To verify they have done so they must counter sign the student's signature on the patient's medication chart or the student will log in to MedChart as the administrator and utilise the supervising Registered/Enrolled Nurse or Midwife to co-sign the administration as per the CDHB Checking procedure in MedChart.

**The RN /RM involved in the direct direction remains legally responsible for any medication or fluid preparation and administration by a student.**

## Student Nurse/Midwife Responsibilities with Fluid and Medication Management

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### Associated documents

[Roles and Responsibilities Policy](#) – Fluid and Medication Management

CDHB Double Independent Checking Procedure  
[Direction and Delegation Policy](#) – Nursing / Midwifery Policies & Procedures

[MedChart Use](#) – Fluid and Medication Management

### General Responsibilities for all staff and students in Fluid and Medication Management:

The RN/RM must provide direct direction of the student (as per above policy definition and in support of the NCNZ/MCNZ Scopes of Practice, and the NCNZ guidelines on direction and delegation) during all steps of the fluid and medication preparation and administration process.

Students of nursing cannot perform any medication or fluid check that requires a double-independent check with an Enrolled Nurse as per the Roles and Responsibilities Policy on the EN scope of practice.

- All students who are invited to administer medication or fluids or be a double independent checker can request **not to be involved** if they are unsure about the IV fluid and medication checking/preparation and administration requirements.
- At all times the RN/RM/EN may request another RN/RM/EN to be involved in any stage of Fluid and Medication management.
- Where an activity is restricted, the RN/RM who is overseeing the student practice should ensure that the student understands the reason for the restriction and has the opportunity to participate in related care as a learning experience. E.g. CVAD dressings and medication administration via a CVAD.
- Where the student's scope allows, they will be supported to draw up/prepare the medications and fluids they can double independent check.
- Additionally, to ensure students gain experience with preparing medications as their scope allows, any clinical placement where a significant number of medications and fluids are administered by a CVAD route, the BNTR701, (BN Ara Transition to RN Practice) or the Consolidation of Practice (Otago University Masters of Nursing Science) student may be involved in the aseptic preparation of these medications and fluids and participate in the double independent check according to the

## Student Nurse/Midwife Responsibilities with Fluid and Medication Management

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following scope tables. The student must be under the direct direction of a level 2 endorsed RN for CVAD preparation and double independent checking. **Please note:** students have no scope with administration of medications and fluids via the CVAD route.

- Any student checking/administering Controlled or Recorded drugs (as per the following tables) must sign the register and record their name AND designation on the signatory sheet at the back of that and every subsequent register.
- **All students** are permitted to stop an IV fluid/medication preparation and administration in the following instances:
  - extravasations
  - adverse reactions
  - when the infusion has run through/been disconnected/or air in line
  - The student must inform a RN/RM/EN **immediately** of their action and rationale.
- Where there is a CDHB or Divisional policy/requirement for further competency/training in modalities e.g. Cytotoxic or Entonox administration, the RN/RM/EN and student will be guided by that policy.

### Clinical Lecturer/Academic Liaison Nurse (ALN) Responsibilities

As Registered Nurses with a current Annual Practising Certificate Clinical lecturers and/or ALNs in the Dedicated Education Unit (DEU), are able to check and administer medications with students in accordance with their scope of practice and current endorsements/ competencies. For example: Where a clinical lecturer holds a current endorsement for peripheral IV or CVAD management, the lecturer may be involved in the double independent check with the student and could administer the fluid or medication. The overseeing RN within that workplace will be aware that this is occurring.

Clinical Lecturers/ALN's will only double independent check and/or administer medications and fluids in consultation with and delegated by, the Registered Nurse responsible for the client/patient care

Any queries or area specific requirements related to this should be discussed first with the CNM or Nurse in Charge of the ward/unit.

### BN Student Responsibilities:

## Student Nurse/Midwife Responsibilities with Fluid and Medication Management

- Bachelor of Nursing students are permitted to participate in Fluid and Medication checking, preparing and administration as outlined in the following tables after they have successfully completed the relevant Workbooks (e.g. Fluid and Medication) and Clinical Calculation Tests provided by their programme/education institution. (Refer below for students who have not successfully completed these requirements).
- Students who have not passed their relevant clinical course requirements (i.e. Clinical Calculations test and Fluid and Medication Workbook) prior to the students clinical start date will be notified to the CNM/Unit Manager by the Clinical Lecturer. These students are not able to participate during any stage of Fluid or Medication Management until they have successfully completed this; and will have an observation role only.
- Students must only check fluid and medications with their allocated RN/RM, for their own patients.  
**Exception:** Students in BN Year Three/Part B (BNTR701 Transition to RN Practice) can double independent check medications, but not administer, another Registered Nurse's medications.

### Please Note:

- Students in Neonatal (NICU) have **no** SC, IM or IV responsibilities. Students will have an observational role in NICU. Refer to NICU policy on medications that can be administered orally/enterally following successful completion of the service specific clinical calculations test.
- Students in Paediatrics, other than neonatal, must double independent check all medications/fluids for their patients only

### Competency Assessment Programme (CAP) for Registered Nurses (RN's):

RN's who are undertaking the CAP must meet the same requirements and may check and administer Fluid and Medications as per Bachelor of Nursing (BN) policy for Year 3 Part B (Transition to RN Practice) Students below (i.e. after successful completion of Ara Institute of Canterbury BNTR701 Fluid and Medication Management Workbook and Clinical Calculations Test).

**Exception:** observation role only with CVAD's

# Fluid and Medication Preparation and Administration **Table 1:** Ara Institute of Canterbury BN/CAP RN Student:

## Key to use of table:

✓ can **administer** medications or fluids under the direct direction of a Registered Nurse, and may administer with an Enrolled Nurse (for those medications that the EN can administer independently i.e not requiring a double independent check (see Roles and Responsibilities Policy)

X observation role only – 3<sup>rd</sup> person only

**Double Independent Checker:** (i.e. checker only): can check and prepare with Registered Nurse, preceptor but **not administer**

	<b>BN Year One (BNNP502) (Aged Residential Care)</b>  <b>OR</b> <b>BN/MHealSc students (Aged Residential Care)</b>	<b>BN Year Two/Part A (Mental Health)</b> After successful completion of Ara Institute of Canterbury BNNP601 Fluid & Medication Workbook and Clinical Calculations Test  <b>OR</b> <b>BN/MHealSc students (Mental Health)</b> After successful completion of Ara Institute of Canterbury BNNP641 Fluid & Medication Workbook and Clinical Calculations Test	<b>BN Year Two/Part B (Medical/Surgical)</b> After successful completion of Ara Institute of Canterbury BNNP602 Fluid & Medication Workbook and Clinical Calculations Test  <b>OR</b> <b>BN/MHealSc students (Medical/Surgical)</b> After successful completion of Ara Institute of Canterbury BNNP643 Fluid & Medication Workbook and Clinical Calculations Test	<b>BN Year Three/Part A (Family/Community Health)</b> After successful completion of Ara Institute of Canterbury BNF700 Fluid & Medication Workbook and Clinical Calculations Test  <b>OR</b> <b>BN/MHealSc students (Family/Community Health)</b> After successful completion of Ara Institute of Canterbury BNF740 Fluid & Medication Workbook and Clinical Calculations Test	<b>BN Year Three/Part B (Transition to RN Practice)</b> After successful completion of Ara Institute of Canterbury BNTR701 Fluid & Medication Workbook and Clinical Calculations Test  <b>ORBN/MHealSc students Transition to RN Practice)</b> After successful completion of Ara Institute of Canterbury BNTR701 Fluid & Medication Workbook and Clinical Calculations Test	<b>CAP Student RN</b> After successful completion of Ara Institute of Canterbury BNTR701 Fluid & Medication Workbook and Clinical Calculations Test
Fluid & Medication Student Responsibilities						
<b>Controlled Drugs</b>						
Oral /Topical	X	X	Double Independent check only	Double Independent check only	✓	✓
IM	X	X	Double Independent check only	Double Independent check only	✓	✓
SC	X	X	Double Independent check only	Double Independent check only	✓	✓
IV	X	X	X	X	X	X
Transdermal	X	X	Double Independent check only	Double Independent check only	✓	✓
Intra nasal	X	X	X	X	X	X
<b>Recorded Drugs</b>						
Oral	X	✓	✓	✓	✓	✓
IM	X	Double Independent check only	✓	✓	✓	✓
IV	X	X	X	X	✓	✓
SC (also refer via SC pumps below)	X	X	Double Independent check only	Double Independent check only	✓	✓
<b>(Peripheral route) IV Medications and Fluids and Cannula flushing (NOT Insulin/Heparin/Controlled Drugs/Cytotoxics)</b>						
IV Medications	X	X	Double Independent check only	Double Independent check only	✓	✓
Premixed solution bags	X	X	Double Independent check only	Double Independent check only	✓	✓
Premixed KCL bags	X	X	Double Independent check only	Double Independent check only	✓	✓
Flushing of cannula with N/Saline/ Priming/Programming pumps with above approved fluids	X	X	✓	✓	✓	✓
<b>(CVAD route) IV Medications, Fluids, Blood and Blood Products (NOT Insulin/Heparin/Controlled Drugs/Cytotoxics)</b>						
Peripheral IV scope, blood and blood products only	X	X	X	X	Double Independent check only	X
<b>Sub cut injections or infusions (NOT administered via pump: see below for Sub Cut Pumps for Palliative Care)</b>						
Insulin injections	X	✓	✓	✓	✓	✓
Anti-Coagulant injections	X	X	✓	✓	✓	✓
Premixed solution bags	X	✓	✓	✓	✓	✓
<b>Sub Cut Pumps for Palliative Care (e.g. Niki T 34 Pump or Alaris GP )</b>						
Controlled & Recorded Drugs via SC route	X	X	X	X	X	X
<b>Oral, Rectal, Eye, Topical, IM (refer also to Controlled/Recorded Drugs and Cytotoxic drugs)</b>						
Oral	X	✓	✓	✓	✓	✓
Eye	X	✓	✓	✓	✓	✓
IM	X	✓	✓	✓	✓	✓
Rectal (Laxatives only)	✓	✓	✓	✓	✓	✓
Topical	✓	✓	✓	✓	✓	✓
<b>Inhaled Medications</b>						
MDI's, O2, Nebs	X	✓	✓	✓	✓	✓
<b>Tenkoff Catheters/AV Fistulas</b>						
Any drug or fluid	X	X	X	X	X	X
<b>Other Fluid and Medication responsibilities</b>						
Cytotoxic Oral or IV	X	X	X	X	X	X
IV Blood and Blood Products	X	X	X	X	Double Independent check only	Double Independent check only
IV bolus or infusion of Heparin, KCL or insulin	X	X	X	X	X	X
PCA/Epidural/Nitrous Oxide	X	X	X	X	X	X
Sub Cut needle insertion	From Year 2 Part B, and CAP RN student, under direct direction by a RN/EN					
Sub Cut needle removal	From Year 2 Part A, and CAP RN student, under direct direction by a RN/EN					
IV Cannula removal and IV site dressing	From Year 2 Part B, and CAP RN student, under direct direction by a RN/EN					
CVAD dressings/Blood sampling/ Venepuncture (Peripheral or Arterial) or Cannulation	No scope					

## Fluid and Medication Preparation and Administration **Table 2:** Otago University Masters of Nursing Science

### Key to use of table:

✓ **can administer** medications or fluids under the direct direction of a Registered Nurse, and may administer with an Enrolled Nurse (for those medications that the EN can administer independently i.e not requiring a double independent check (see Roles and Responsibilities Policy)

X observation role only – 3<sup>rd</sup> person only

**Double Independent Checker:** (i.e. checker only): can check and prepare with Registered Nurse, preceptor but **not administer**

Fluid & Medication Student Responsibilities	Aged Residential Care Following successful completion of Clinical Practice Bundle: FMM1	Primary Health Care & Community Following successful completion of Clinical Practice Bundle: FMM2	Acute Care Medical & Surgical Following successful completion of Clinical Practice Bundle: FMM3	Mental Health Nursing Following successful completion of Clinical Practice Bundle: FMM4	Continuing Care Following successful completion of Clinical Practice Bundle: FMM5	Consolidation of Practice Following successful completion of Clinical Practice Bundle: FMM6
<b>Controlled Drugs</b>						
Oral /Transdermal	X	X	Double Independent check only	Double Independent check only	Double Independent check only	✓
IM	X	X	Double Independent check only	Double Independent check only	Double Independent check only	✓
SC	X	X	Double Independent check only	Double Independent check only	Double Independent check only	✓
IV	X	X	X	X	X	X
Transdermal	X	X	Double Independent check only	Double Independent check only	Double Independent check only	✓
Intra nasal	X	X	X	X	X	X
<b>Recorded Drugs</b>						
Oral	X	✓	✓	✓	✓	✓
IM	X	Double Independent check only	✓	✓	✓	✓
IV	X	X	X	X	X	✓
SC (also refer via SC pumps below)	X	X	Double Independent check only	Double Independent check only	Double Independent check only	✓
<b>(Peripheral route) IV Medications and Fluids and Cannula flushing (NOT Insulin/Heparin/Controlled Drugs/Cytotoxics)</b>						
IV Medications	X	X	Double Independent check only	Double Independent check only	Double Independent check only	✓
Premixed solution bags	X	X	Double Independent check only	Double Independent check only	Double Independent check only	✓
Premixed KCL bags	X	X	Double Independent check only	Double Independent check only	Double Independent check only	✓
Flushing of cannula with N/Saline/Priming/Programming pumps with above approved fluids	X	X	✓	✓	✓	✓
<b>(CVAD route) IV Medications, Fluids, Blood and Blood Products (NOT Insulin/Heparin/Controlled Drugs/Cytotoxics)</b>						
As above Peripheral IV scope only	X	X	X	X	X	Double Independent check only
<b>Sub cut injections or infusions (NOT administered via pump: see below for Sub Cut Pumps for Palliative Care)</b>						
Insulin injections	X	Double Independent check only	✓	✓	✓	✓
Anti-Coagulant injections	X	X	✓	✓	✓	✓
Premixed solution bags	X	Double Independent check only	✓	✓	✓	✓
Premixed KCL	X	X	Double Independent check only	Double Independent check only	Double Independent check only	✓
<b>Sub Cut Pumps for Palliative Care (e.g. Niki T 34 Pump or Alaris GP )</b>						
Controlled & Recorded Drugs via SC route	X	X	X	X	X	X
<b>Oral, Rectal, Eye, Topical, IM (refer also to Controlled/Recorded Drugs and Cytotoxic drugs)</b>						
Oral	X	✓	✓	✓	✓	✓
Eye	X	✓	✓	✓	✓	✓
IM	X	✓	✓	✓	✓	✓
Rectal	✓	✓	✓	✓	✓	✓
Topical	✓	✓	✓	✓	✓	✓
<b>Inhaled Medications</b>						
MDI's, O2, Nebs	X	✓	✓	✓	✓	✓
<b>Tenkoff Catheters/AV Fistulas</b>						
Any drug or fluid	X	X	X	X	X	X
<b>Other Fluid and Medication responsibilities</b>						
Cytotoxic Oral or IV	X	X	X	X	X	X
IV Blood and Blood Products	X	X	X	X	X	Double Independent check only
IV bolus or infusion of Heparin, KCL or insulin	X	X	X	X	X	X
PCA/Epidural/NitrousOxide	X	X	X	X	X	X
Sub Cut needle insertion	From Acute Care Medical and Surgical under direction and supervision by a RN/EN					
Sub Cut needle/cannula removal	From Acute Care Medical and Surgical under direction and supervision by a RN/EN					
IV Cannula removal and IV site dressing	From Acute Care Medical and Surgical under direction and supervision by a RNEN					
CVAD dressings/Blood sampling/ Venepuncture (Peripheral or Arterial) or Cannulation	No scope					

### Bachelor of Midwifery Considerations:

#### Clinical Placements within Neonatal Services for BM students

Student midwives are NOT able to administer IV fluid or Medication to the baby and this includes IV antibiotics to babies on the Maternity Ward.

### Bachelor of Midwifery (BM) Student Responsibilities:

- Bachelor of Midwifery students are permitted to participate in Fluid and Medication checking, preparing and administration as outlined in the following tables after they have successfully completed the relevant Ara Institute of Canterbury ProCal exam and can provide evidence of completion.
- Students are permitted to carry out monitoring of the IV cannula site and perform fluid balance recordings under the direction of the RM.
- Midwifery students who are invited to administer medication or fluids or be a double independent checker can decline, and will not be involved if they are unsure about the IV fluid and medication preparation and administration requirements.
- Midwifery students are able to take blood and cannulate after they have been to their respective placements and completed their training in phlebotomy and IV cannulation

### First Year Bachelor Midwifery Student Responsibilities:

Students are **NOT** able to administer fluid or medication until they have successfully completed the Ara Institute of Canterbury ProCal (Professional Calculation) exam and finished their BMPS500 (Bachelor of Midwifery Year One Practice Skills) course component relating to medication preparation and administration and IV fluids.

### Second Year Bachelor Midwifery Student Responsibilities:

Students are able to be a double independent checker when they have revisited the Student Midwife responsibilities in relation to fluid and medication preparation and administration.



**Fluid and Medication Preparation and Administration Table 3: Ara Institute of Canterbury Bachelor of Midwifery Student:**

Key to use of table: ✓ can administer medications or fluids under the direct direction of a Registered Midwife only

X observation role only – 3<sup>rd</sup> person only

Double Independent Checker: (i.e. checker only): can check and prepare with Registered Midwife preceptor but not administer

	Bachelor Midwifery Year One following successful completion of the ProCal exam	Bachelor Midwifery Year Two	Bachelor Midwifery Year Three
Fluid & Medication Student Responsibilities			
<b>Oral, Rectal, Eye, Topical, IM (refer also to Controlled and Recorded Drugs)</b>			
All of above routes	✓	✓	✓
<b>Sub cut medication</b>			
Anti coagulant injection	✓	✓	✓
Insulin injection	✓	✓	✓
Tocolytic agent	X	X	✓
<b>Inhaled medication</b>			
Entonox	X	✓	✓
Nebuliser and inhalers	X	✓	✓
Nasal sprays	X	✓	✓
Oxygen	X	✓	✓
<b>Recorded drugs</b>			
Oral	X	✓	✓
IM	X	✓	✓
<b>Controlled drugs</b>			
Oral /topical	X	✓	✓
IM	X	✓	✓
IV	X	X	✓
PCA	X	X	✓
<b>IV bolus medication:</b> subject to passing ProCal exam			
Antibiotics	X	Double Independent check only	✓
Antiemetic's	X	Double Independent check only	✓
Uterotonics	X	Double Independent check only	✓
N/Saline flush	X	✓	✓
<b>IV infusion:</b> subject to passing ProCal exam			
Premixed solution bags e.g. Hartmann, N/Saline	X	✓	✓
Premixed solution bags plus added medication	X	✓	✓
Antibiotic infusion	X	✓	✓
Recorded/Controlled Medication IV	X	X	X
<b>Other</b>			
Priming an IV line with premix solution e.g. N/Saline, Hartman's	✓	✓	✓
Changing giving sets / connecting tubing	X	✓	✓
Programming electronic pumps	X	X	✓
Blood products e.g. anti-D, immunoglobulin	X	✓	✓
IV blood	X	Double Independent check only	✓
Epidural	X	X	Double Independent check only
Any preparation and administration through a CVAD (e.g. PICC line)	X	X	X
IV cannula removal	✓	✓	✓
Venepuncture/Blood Sampling: following completion of venepuncture course	✓	✓	✓
IV Cannulation: following completion of cannulation course	X	✓	✓

## Student Nurse/Midwife Responsibilities with Fluid and Medication Management

### Diploma in Enrolled Nursing Student and Competence Assessment Programme (CAP) Enrolled Nurse Responsibilities:

- The Diploma in Enrolled Nursing (DEN) student, and the CAP EN (International and Restricted Scope) is permitted to participate in the fluid and medication checking, preparing and administration as outlined in the following tables after they have successfully completed the relevant Ara Institute of Canterbury Fluid and Medication Management Workbook and Clinical Calculations Test and can provide evidence of completion, upon request
- Students will double independent check medications with their allocated RN for their own patients only. Students will be given the opportunity to prepare the drug/fluid for administration as part of their double independent check scope.
- The RN/EN/RM must directly direct the EN student and CAP EN at all stages of medication/fluid management e.g. Preparation, checking, identification of the patient and administration; and must counter sign the student's/CAP EN's signature on the patient's medication chart to verify that they have done so.

**Please Note:** The RN/EN/RM remains legally responsible for any medication or fluid preparation and administration undertaken by the Diploma in Enrolled Nursing student, or CAP Enrolled Nurse student according to their scope practice.

### Ara Institute of Canterbury Competency Assessment Programme (CAP) for Enrolled Nurses (EN's) – Restricted Scope and Internationally Qualified

ENs who are undertaking the CAP must meet the same requirements and may check and administer Fluid and Medications as per Diploma in Enrolled Nursing (DEN) Student policy above

**Please note:** Enrolled Nurse CAP students with a Restricted Scope have no scope with IV medications/fluids and they must be under the direct direction of a RN for the preparation, double independent checking and administration.

## Fluid and Medication Preparation and Administration Table 4: Ara Diploma EN Student, CAP EN Student:

Key to use of table:

✓ **can administer** medications or fluids under the direct direction of a Registered Nurse, and may administer with an Enrolled Nurse (for those medications that the EN can administer independently i.e not requiring a double independent check (see Roles and Responsibilities Policy)

X observation role only – 3<sup>rd</sup> person only

**Double Independent Checker:** (i.e. checker only): can check and prepare with Registered Nurse, preceptor but **not administer**

Fluid & Medication Student Responsibilities	DEN Course: NURS415 Foundation Limited fluid and medication responsibilities	DEN Course: NURS511 Acute Care After successful completion of Ara Institute of Canterbury Diploma in Enrolled Nursing Fluid and Medication Management Workbook and Clinical Calculations Test	DEN Course: NURS512 Mental Health After successful completion of Ara Institute of Canterbury Diploma in Enrolled Nursing Fluid and Medication Management Workbook and Clinical Calculations Test	DEN Course NURS513 Rehabilitation After successful completion of Ara Institute of Canterbury Diploma in Enrolled Nursing Fluid and Medication Management Workbook and Clinical Calculations Test	CAP Student Enrolled Nurse (Internationally Qualified) After successful completion of Ara Institute of Canterbury Enrolled Nursing Fluid and Medication Management Workbook and Clinical Calculations Test	CAP Student Enrolled Nurse (Restricted Scope) After successful completion of Ara Institute of Canterbury Enrolled Nursing Fluid and Medication Management Workbook and Clinical Calculations Test
<b>Controlled drugs</b>						
Oral /Topical	X	Double Independent check only	Double Independent check only	Double Independent check only	Double Independent check only	Double Independent check only
IM	X	Double Independent check only	Double Independent check only	Double Independent check only	Double Independent check only	Double Independent check only
SC	X	Double Independent check only	Double Independent check only	Double Independent check only	Double Independent check only	Double Independent check only
IV	X	X	X	X	X	X
Intra nasal	X	X	X	X	X	X
<b>Recorded Drugs</b>						
Oral	X	✓	✓	✓	✓	✓
IM	X	Double Independent check only	Double Independent check only	Double Independent check only	Double Independent check only	Double Independent check only
IV	X	X	X	X	X	X
SC	X	Double Independent check only	Double Independent check only	Double Independent check only	Double Independent check only	Double Independent check only
<b>(Peripheral Route) IV Medications and Fluids (NOT Insulin/Heparin/Controlled or Recorded Drugs/Cytotoxics any other Medication or KCL additive)</b>						
Medications	X	X	X	X	X	X
Premixed KCL bags	X	X	X	X	X	X
Premixed solution bags	X	✓	X	✓	✓	X
Flushing of cannula with N/Saline/ Priming giving sets and Programming pumps of approved fluids only	X	✓	X	✓	✓	X
<b>(CVAD Route) IV Medications and Fluids (NOT Insulin/Heparin/Controlled or Recorded Drugs/Cytotoxics or any drug or KCL additives)</b>						
Any medications or fluids	X	X	X	X	X	X
<b>Sub cut</b>						
Insulin injection	X	✓	✓	✓	✓	✓
Anti Coagulant injection	X	✓	X	✓	✓	✓
Premixed solution bags	X	✓	X	✓	X	X
Premixed KCL bags	X	X	X	X	X	X
<b>Sub Cut Pumps for Palliative Care (e.g. Niki T 34 Pump or Alaris GP )</b>						
Controlled & Recorded Drugs via SC route	X	X	X	X	X	X
<b>Oral, Rectal, Eye, Topical, IM, SC pump</b>						
Oral medications	✓	✓	✓	✓	✓	✓
Rectal medications	✓	✓	✓	✓	✓	✓
Eye medications	X	✓	✓	✓	✓	✓
Topical medications	✓	✓	✓	✓	✓	✓
IM Medications (see above re: controlled and recorded drugs)	X	✓	✓	✓	✓	✓
<b>Inhaled Medications</b>						
MDI's, O2, Nebs	✓	✓	✓	✓	✓	✓
<b>Other Fluid and Medication Responsibilities DEN Students</b>						
IV Blood and Blood Products	X	X	X	X	X	X
PCA/Epidural/Nitrous Oxide	X	X	X	X	X	X
Cytotoxic Oral/IV	X	X	X	X	X	X
CVAD access	X	X	X	X	X	X
<b>Responsibilities with Fluid and Medication devices</b>						
Sub Cut needle insertion	X	✓	X	✓	X	X
Sub Cut needle removal	X	✓	✓	✓	✓	✓
IV Cannula removal	X	✓	✓	✓	✓	✓
IV site dressing	X	X	X	X	X	X
CVAD dressing and blood sampling	X	X	X	X	X	X
Venepuncture (peripheral or arterial) or Cannulation	X	X	X	X	X	X

## Measurement/Evaluation

- Incident management process
- Ara Institute of Canterbury Clinical Lecturer Feedback
- Otago University Clinical Lecturer Feedback
- CDHB staff feedback

## References

- Agreement made between Canterbury District Health Board (CDHB) and the Christchurch Polytechnic Institute of Technology (now renamed Ara Institute of Canterbury), November 2015
- NCNZ guidelines on direction and delegation
  
- NCNZ RN Scope of Practice
- NCNZ EN Scope of Practice

<b>Policy Owner</b>	Directors of Nursing and Midwifery
<b>Policy Authoriser</b>	Executive Director of Nursing
<b>Date of Authorisation</b>	1 <sup>st</sup> November 2017